

Copyright (c) 1993 - 2000 Capogen Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 24, 2002, 01:25:35 : Search time 88 29 seconds  
(without alignments)  
1238.972 Million cell updates/sec

Title: US-09-525-998a-1\_copy\_121\_603

Perfect score: 483  
Sequence: 1 dataatdttatctcccaagg..... ggcataaccagatgagaa? 483

Scoring table: IDENTITY\_NUC  
Gapop 10.0 : Gapext 1.0

Searched: 351203 seqs, 11248999 residues

Total number of hits satisfying chosen parameters: 702405

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents, NAR  
1: /c002.6/prodata/2/ina/5A\_UMB.seq:  
2: /c002.6/prodata/2/ina/5B\_UMB.seq:  
3: /c002.6/prodata/2/ina/5A\_UMB.seq:  
4: /c002.6/prodata/2/ina/5B\_UMB.seq:  
5: /c002.6/prodata/2/ina/5A\_UMB.seq:  
6: /c002.6/prodata/2/ina/5B\_UMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	483	100.0	483	4	US-09-525-998a-1
2	483	100.0	1401	4	US-08-804-166-1
3	483	100.0	1401	4	US-08-910-991-7
4	483	100.0	1478	4	US-08-149-922-6
5	483	100.0	2462	1	US-08-076-0126-2
6	483	100.0	2462	2	US-08-165-982-24
7	483	100.0	2161	3	US-09-106-038A-1
8	483	100.0	2175	1	US-08-321-668-1
9	483	100.0	2175	1	US-08-837-941-1
10	483	100.0	2175	1	US-08-126-016-1
11	483	100.0	6489	1	US-08-286-740-2
12	483	100.0	6489	5	US-08-09576-2
13	483	100.0	6489	2	US-08-627-151A-6
14	475.2	98.4	600	1	US-08-050-319B-47
15	475.2	98.4	600	2	US-08-465-982-47
16	475	98.3	1147	4	US-08-804-166-5
17	475	98.3	1147	4	US-08-910-991-5
18	424.4	87.9	1202	4	US-08-804-166-1
19	424.4	87.9	1202	4	US-08-910-991-1
20	424.4	87.9	1202	4	US-08-804-166-3
21	424.4	87.9	1202	4	US-08-910-991-3
22	383	79.3	504	1	US-08-050-319B-56
23	383	79.3	504	2	US-08-465-982-56
24	381	78.9	501	1	US-08-050-319A-1
25	381	78.9	501	2	US-08-465-982-1
26	372	77.0	472	1	US-08-050-319B-3
27	372	77.0	472	2	US-08-465-982-3

28 357.2 74.0 474 1 US-08-050-319B-49  
29 357.2 74.0 474 2 US-08-465-982-49  
30 357.2 74.0 474 3 US-08-762-308-16  
31 267.8 54.4 477 1 US-08-050-319B-54  
32 267.8 54.4 477 2 US-08-165-982-54  
33 221.8 40.9 462 1 US-08-050-319B-51  
34 221.8 40.9 462 2 US-08-465-982-51  
35 221.8 40.9 462 3 US-08-762-308-16  
36 37 31 6.3 2971 4 US-08-343-443B-1  
37 37 31 6.3 2971 4 US-08-056-105-1  
38 37 31 6.3 2971 4 US-08-417-274-26  
39 37 31 6.3 2971 4 US-08-231-545A-29  
40 37 31 6.3 2971 4 US-08-052-941-29  
41 37 31 6.3 2971 4 US-08-286-740-2  
42 37 31 6.3 33 1 US-08-050-319B-14  
43 37 31 6.3 33 2 US-08-465-982-14  
44 37 31 6.3 33 3 US-08-108-940-64  
45 37 31 6.3 33 4 US-08-188-540-27

## ALIGNMENTS

RESULT 1  
US-09-525-998a-1  
Sequence 1, Application US/09426394  
Patent No. 6306820  
GENERAL INFORMATION:  
APPLICANT: Rando, Alisha M.  
APPLICANT: Edwards, Carl K.  
TITLE: INVENTION: COMBINATION THERAPY USING A LINE PIRING  
INVENTOR: Rando, Alisha M., Edwards, Carl K.  
NUMBER OF SEQUENCES: 4  
PRIORITY CLAIM: ADDRESS:  
ADDRESS: Amgen, Inc.  
STREET: 1840 Bellaville Drive  
CITY: Thousand Oaks  
STATE: CA  
COUNTRY: US  
ZIP: 91320 1784  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC/MS/DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: 08 DEC 1997  
APPLICATION NUMBER: US 09/426,494  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 09/426,494  
FILING DATE: 08 DEC 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/426,494  
FILING DATE: 08 DEC 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/426,494  
FILING DATE: 08 DEC 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Zindrick, Thomas K.  
REGISTRATION NUMBER: 32,185  
REFERENCE/KEY NUMBER: A-4300  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 483 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLGY: unknown  
MOLECULE TYPE: RNA

Sequence 49, Appl  
Sequence 49, Appl  
Sequence 10, Appl  
Sequence 53, Appl  
Sequence 51, Appl  
Sequence 51, Appl  
Sequence 1, Appl  
Sequence 1, Appl  
Sequence 26, Appl  
Sequence 26, Appl  
Sequence 26, Appl  
Sequence 26, Appl  
Sequence 14, Appl  
Sequence 14, Appl  
Sequence 66, Appl  
Sequence 257, Appl









? COMPUTER: IBM PC compatible  
 ? OPERATING SYSTEM: PC-DOS/MS-DOS  
 ? SOFTWARE: Patent In Release #1.0. Version #1.30  
 ? CURRENT APPLICATION DATA: US/08/321,668  
 ? APPLICATION NUMBER: US/08/321,668  
 ? FILING DATE: 12-OCT-1994  
 ? CLASSIFICATION: 435  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: IL 107268  
 ? FILING DATE: 12-OCT-1993  
 ? ATTORNEY/AGENT INFORMATION:  
 ? NAME: BROWDY, ROGER L.  
 ? REGISTRATION NUMBER: 25,618  
 ? REFERENCE/DOCKET NUMBER: WALLACH-13  
 ? TELECOMMUNICATION INFORMATION:  
 ? TELEPHONE: 202-628-5197  
 ? TELEFAX: 202-737-3528  
 ? TELEX: 248633  
 ? INFORMATION FOR SEQ ID NO: 1:  
 ? SEQUENCE CHARACTERISTICS:  
 ? LENGTH: 2175 base pairs  
 ? TYPE: nucleic acid  
 ? STRANDEDNESS: single  
 ? TOPOLOGY: linear  
 ? MOLECULE TYPE: cDNA  
 ? FEATURE:  
 ? NAME/KEY: CDS  
 ? LOCATION: 256..1620  
 ? US-08-321-668-1

Query Match 100.0%; Score 483; DH 1; Length 2175;  
 Best Local Similarity 100.0%; Pred. No. 1e-145;  
 Matches 483; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 1 gataatgtatgtcccaagaagaatataatcacacctcaaaaataattcgaattgtgtacc 60
DB 376 gataatgtatgtcccaagaagaatataatcacacctcaaaaataattcgaattgtgtacc 435
QY 61 aatgacacacacacacacacacacacacacacacacacacacacacacacacacacac 120
DB 436 aatgacacacacacacacacacacacacacacacacacacacacacacacacacacac 495
QY 121 tgcaggagatgtgcaggagatgtgcaggagatgtgcaggagatgtgcaggagatgtgcaggag 180
DB 496 tgcaggagatgtgcaggagatgtgcaggagatgtgcaggagatgtgcaggagatgtgcaggag 555
QY 181 agctgtccaaatgccgaaggaatggtcaggtggaatctctcttgcacagtgtgac 240
DB 556 agctgtccaaatgccgaaggaatggtcaggtggaatctctcttgcacagtgtgac 315
QY 241 gaaacacacacacacacacacacacacacacacacacacacacacacacacacacac 300
DB 616 gaaacacacacacacacacacacacacacacacacacacacacacacacacacacac 675
QY 301 ttcacatgtctcaatgtgcagctctgtctcaatgtgcagctctgtctcaatgtgcagctct 360
DB 676 ttcacatgtctcaatgtgcagctctgtctcaatgtgcagctctgtctcaatgtgcagctct 735
QY 361 aaacacacacacacacacacacacacacacacacacacacacacacacacacacac 420
DB 736 aaacacacacacacacacacacacacacacacacacacacacacacacacacacac 795
QY 421 tctatgaagaaatgtatgaagaaatgtatgaagaaatgtatgaagaaatgtatgaagaaat 480
DB 796 tctatgaagaaatgtatgaagaaatgtatgaagaaatgtatgaagaaatgtatgaagaaat 855
QY 481 aat 483
DB 856 aat 858
  
```

RESULT 9

US-08-837-941-1  
 ? Sequence 1: Application US/08837941  
 ? Patent No. 5766917  
 ? GENERAL INFORMATION:  
 ? APPLICANT: WALLACH, David  
 ? APPLICANT: BRAKEHUSCH, Cord  
 ? APPLICANT: VAPOLOMREV, Eugene  
 ? APPLICANT: RATKIN, Michael  
 ? TITLE OF INVENTION: MOLECULES INFLUENCING THE SHEDDING OF  
 ? THE INF RECEPTORS, THEIR PREPARATION AND THEIR USE  
 ? NUMBER OF SEQUENCES: 42  
 ? CORRESPONDENCE ADDRESS:  
 ? ADDRESSER: BROWDY AND NEIMARK  
 ? STREET: 419 Seventh Street, N.W., Suite 300  
 ? CITY: Washington  
 ? STATE: D.C.  
 ? COUNTRY: USA  
 ? ZIP: 20004  
 ? COMPUTER READABLE FORM:  
 ? MEDIUM TYPE: Floppy disk  
 ? COMPUTER: IBM PC compatible  
 ? OPERATING SYSTEM: PC-DOS/MS-DOS  
 ? SOFTWARE: Patent In Release #1.0. Version #1.30  
 ? CURRENT APPLICATION DATA:  
 ? APPLICATION NUMBER: US/08/837,941  
 ? FILING DATE: 28-APR-1997  
 ? CLASSIFICATION: 435  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: US 08/321,668  
 ? FILING DATE: 12-OCT-1994  
 ? APPLICATION NUMBER: IL 107268  
 ? FILING DATE: 12-OCT-1993  
 ? ATTORNEY/AGENT INFORMATION:  
 ? NAME: BROWDY, ROGER L.  
 ? REGISTRATION NUMBER: 25,618  
 ? REFERENCE/DOCKET NUMBER: WALLACH-13  
 ? TELECOMMUNICATION INFORMATION:  
 ? TELEPHONE: 202-628-5197  
 ? TELEFAX: 202-737-3528  
 ? TELEX: 248633  
 ? INFORMATION FOR SEQ ID NO: 1:  
 ? SEQUENCE CHARACTERISTICS:  
 ? LENGTH: 2175 base pairs  
 ? TYPE: nucleic acid  
 ? STRANDEDNESS: single  
 ? TOPOLOGY: linear  
 ? MOLECULE TYPE: cDNA  
 ? FEATURE:  
 ? NAME/KEY: CDS  
 ? LOCATION: 256..1620  
 ? US-08-837-941-1

Query Match 100.0%; Score 433; DH 1; Length 2175;  
 Best Local Similarity 100.0%; Pred. No. 1e-145;  
 Matches 483; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 1 gataatgtatgtcccaagaagaatataatcacacctcaaaaataattcgaattgtgtacc 60
DB 376 gataatgtatgtcccaagaagaatataatcacacctcaaaaataattcgaattgtgtacc 435
QY 61 aatgacacacacacacacacacacacacacacacacacacacacacacacacacacac 120
DB 436 aatgacacacacacacacacacacacacacacacacacacacacacacacacacacac 495
QY 121 tgcaggagatgtgcaggagatgtgcaggagatgtgcaggagatgtgcaggagatgtgcaggag 180
DB 496 tgcaggagatgtgcaggagatgtgcaggagatgtgcaggagatgtgcaggagatgtgcaggag 555
QY 181 agctgtccaaatgccgaaggaatggtcaggtggaatctctcttgcacagtgtgac 240
DB 556 agctgtccaaatgccgaaggaatggtcaggtggaatctctcttgcacagtgtgac 315
  
```



```

: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Lee, Wendy M.
: REGISTRATION NUMBER: 798
: REFERENCE/DOCKET INFORMATION:
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 415/225-1994
: TELEFAX: 415/952-9881
: TELEX: 910/471-7168
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 6889 bases
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: US-08-286,740.2

Query Match 100.0%; Score 483; DB 1; Length 6889;
Best Local Similarity 100.0%; Pred. No. 1,8e-145;
Matches 483; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 gataatgtgtgtcccaagaaataatataccaccctcaaaaataattcatttctgtgacc 60
Db 1725 GATAGTGTGTGCGCAAGGAAATAATATGACCGCTCAAAAATAATTCGATTGCTGAC 1784
QY 61 aagtgcacaaaggaacttactgtacaaatgactgtccaggccgggacgatacggac 120
Db 1785 AAGTGCACAAAGGAACCTACTTGTACAAATGACTGTCCAGCGCGCGGCGGACGATAC 1844
QY 121 tcaaaagaaatataaaagaaactcttcaacccctcaaaaataattcatttctgtgacc 180
Db 1845 TCAAGGAAATATGAGAAAGGAAATAATATGACCGCTCAAAAATAATTCGATTGCTGAC 1904
QY 181 agctgtctccaaatgcagaaagaaatgagtgaggatctcttcttgcacagtgac 240
Db 1905 AGCTGTCTCCAAATGCAGAAAGAAATGAGTGAGGATCTCTTCTTGCACAGTGAC 1964
QY 241 cggagacacccgtgtgtatcagaagaaagaaatcaccagcaatttggagtgaaacatt 300
Db 1965 CGGAGACACCCGTGTGTATCAGAAGAAAGAAATCACCAGCAATTTGGAGTGAACATT 2024
QY 361 taccatgcttcacatcaaacctcttcaatcaaacacagaaatctctctctccacagaa 360
Db 2025 TACCATGCTTCACATCAAACTCTTCAATCAAAACAGAAATCTCTCTCTCCACAGAA 2084
QY 361 aaacagaaacacccgtgtgcacccgtgccatgcagggtttcttctaaagaaacagatt 420
Db 2085 AAACAGAAACACCCGTGTGCACCCGTGCCATGCAGGTTTCTTCTAAAGAAACAGATT 2144
QY 421 tctgtatgaactgttaagaaagacgtggagtcacaaagattgtgtctaccacagatt 480
Db 2145 TCTGTATGAACGTGTTAAGAAAGACGTGGAGTCACAAAGATTGTGTCTACCACAGATT 2204
QY 481 aat 483
Db 2205 AAT 2207

RESULT 12
PCT-US95-09576-2
: Sequence 2, Application PC/TUS509576
: APPLICANT: GENENTECH, INC.
: TITLE OF INVENTION: METHOD FOR SELECTING HIGH-EXPRESSING
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Genentech, Inc.
: STREET: 460 Point San Bruno Blvd
: CITY: South San Francisco
: STATE: California
: COUNTRY: USA

```

```

: ZIP: 94080
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 5.25 inch, 460 kb floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: palid (Genentech)
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US95/09576
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/286740
: FILING DATE: 05-AUG-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Lee, Wendy M.
: REGISTRATION NUMBER: 00,000
: REFERENCE/DOCKET NUMBER: 798PCT
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 415/225-1994
: TELEFAX: 415/952-9881
: TELEX: 910/471-7168
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 6889 bases
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: PCT-US95-09576-2

Query Match 100.0%; Score 483; DB 5; Length 6889;
Best Local Similarity 100.0%; Pred. No. 1,8e-145;
Matches 483; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 gataatgtgtgtcccaagaaataatataccaccctcaaaaataattcatttctgtgacc 60
Db 1725 GATAGTGTGTGCGCAAGGAAATAATATGACCGCTCAAAAATAATTCGATTGCTGAC 1784
QY 61 aagtgcacaaaggaacttactgtacaaatgactgtccaggccgggacgatacggac 120
Db 1785 AAGTGCACAAAGGAACCTACTTGTACAAATGACTGTCCAGCGCGCGGCGGACGATAC 1844
QY 121 tcaaaagaaatataaaagaaactcttcaacccctcaaaaataattcatttctgtgacc 180
Db 1845 TCAAGGAAATATGAGAAAGGAAATAATATGACCGCTCAAAAATAATTCGATTGCTGAC 1904
QY 181 agctgtctccaaatgcagaaagaaatgagtgaggatctcttcttgcacagtgac 240
Db 1905 AGCTGTCTCCAAATGCAGAAAGAAATGAGTGAGGATCTCTTCTTGCACAGTGAC 1964
QY 241 cggagacacccgtgtgtatcagaagaaagaaatcaccagcaatttggagtgaaacatt 300
Db 1965 CGGAGACACCCGTGTGTATCAGAAGAAAGAAATCACCAGCAATTTGGAGTGAACATT 2024
QY 361 taccatgcttcacatcaaacctcttcaatcaaacacagaaatctctctctccacagaa 360
Db 2025 TACCATGCTTCACATCAAACTCTTCAATCAAAACAGAAATCTCTCTCTCCACAGAA 2084
QY 361 aaacagaaacacccgtgtgcacccgtgccatgcagggtttcttctaaagaaacagatt 420
Db 2085 AAACAGAAACACCCGTGTGCACCCGTGCCATGCAGGTTTCTTCTAAAGAAACAGATT 2144
QY 421 tctgtatgaactgttaagaaagacgtggagtcacaaagattgtgtctaccacagatt 480
Db 2145 TCTGTATGAACGTGTTAAGAAAGACGTGGAGTCACAAAGATTGTGTCTACCACAGATT 2204
QY 481 aat 483
Db 2205 AAT 2207

RESULT 13
US-08-627-151A-6

```



```

Sequence 6, Application US/98/07161A
Patent No. 5866341
GENERAL INFORMATION:
APPLICANT: SPINELLA, Dominic
APPLICANT: BECHERER, Fabrice
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
SCREENING DRUG LIBRARIES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSER: Gen-Probe Incorporated
STREET: 10210 Genetic Center Drive
CITY: San Diego
STATE: CA
COUNTRY: USA
ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/98/07161A
FILING DATE: 03-APR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 46,510
REFERENCE/DOCKET NUMBER: CB1016
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-410-8926
TELEFAX: 619-410-8928
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 6896 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-627-151A-6

Query Match 100.0% Score 483; DB 2; Length 6896;
Best Local Similarity 100.0%; Pred. No. 1,90-145;
Matches 483; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 aataatgatatacgaagaagaataatatacgaacacgaataatcgaatttgcgtacc 60
DB 1055 GATAGTGTGTGTCGCCAAGGAAATATATCCACCCCTCAAAATATTCGATTTCCTGTACC 1114
QY 61 aatggcacaagaagaactactatcaaatgactgtccagqcccgaggaacagatcacgac 120
DB 1115 AAGTGCACACAGAGAACACTACTGTCATGATGAATGTCAGGCGCGCGGAGATACGAC 1174
QY 121 tggaggagtgtagaagagagatgcttcacggttcagagaacacacacacacacgcctc 180
DB 1175 TGAAGGAGGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1234
QY 181 agctgcacaaatgcacaaagagaaatggatcgaatggagagatcctcttgcacacgtgac 240
DB 1235 AGCGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1294
QY 241 aggaagagagagagagagagagagagagagagagagagagagagagagagagagagag 300
DB 1235 AGCGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1294
QY 301 tttcagtgcttcgaattgcagctctgcttcgaattgcagctctgcttcgaattgcagag 360
DB 1355 TTCAGTGTCTCAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1414

```

```

QY 361 aacacataatgctgagacacttgcatttcgatttcgatttcgatttcgatttcgatttc 420
DB 3415 AACACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1474
QY 421 tctgtactaatctgaagaagaagcttgaatttcgaatttcgatttcgatttcgatttcg 480
DB 1475 TCTGTACTAATCTGAAGAAGAAGCTTGAATTTCGATTTCGATTTCGATTTCGATTTCG 1534
QY 481 aat 483
DB 1535 AAT 1537

RESULT 14
US-08-050-419H-47
Sequence 47, Application US/98/059419H
Patent No. 5633145
GENERAL INFORMATION:
APPLICANT: M. Feldmann, P.W. Gray,
APPLICANT: M.J.C. Turner, P.M. Brennan
TITLE OF INVENTION: Modified human TNFalpha (Tumor
Necrosis Factor alpha) Receptor
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSER: Reed & Robbins
STREET: 645 Bryant Street
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/98/050,419B
FILING DATE: 10-May-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Robbins, Roberto L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5150-0040
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-8999
TELEFAX: (415) 327-3231
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 600 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..597
US-08-050-419H-47

Query Match 98.4% Score 475; DB 2; Length 600;
Best Local Similarity 99.4%; Pred. No. 1,74-144;
Matches 477; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 gataatgatttcgttcgaatttcgatttcgatttcgatttcgatttcgatttcgatttcg 60
DB 121 GATAGTGTGTCGCCAAGGAAATATATCCACCCCTCAAAATATTCGATTTCCTGTACC 1114
QY 61 aatggcacaagaagaactactatcaaatgactgtccagqcccgaggaacagatcacgac 120
DB 1115 AAGTGCACACAGAGAACACTACTGTCATGATGAATGTCAGGCGCGCGGAGATACGAC 1174
QY 121 tggaggagtgtagaagagagatgcttcacggttcagagaacacacacacacacgcctc 180
DB 1175 TGAAGGAGGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1234
QY 181 agctgcacaaatgcacaaagagaaatggatcgaatggagagatcctcttgcacacgtgac 240
DB 1235 AGCGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1294
QY 241 aggaagagagagagagagagagagagagagagagagagagagagagagagagagagag 300
DB 1235 AGCGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1294
QY 301 tttcagtgcttcgaattgcagctctgcttcgaattgcagctctgcttcgaattgcagag 360
DB 1355 TTCAGTGTCTCAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1414

```

Db 241 TCCAGGAGTCTGAGAGCGCTGCTTTACCGCTTCAGAAAAACACTACACACTGCTC 300  
QY 181 aqatgtctcaaatgcgaaggaatggtcaagtggagatctctcttcacagtgagac 240  
|||||  
Db 301 AGTGGCGCAAAAGCGCAAAAGCGCAAAAGCGCAAAAGCGCAAAAGCGCAAAAGCGCA 360  
QY 241 cgaagacacatgatacgtgcagaaagaaacacataccgcacattatiggaagtaaaacelt 300  
|||||  
Db 361 CCGGATACCGGCG 420  
QY 301 ttcacatgcttcacatgcacgtctgcctcaatgggacacgtgcacgtctctctgcagagag 360  
Db 421 TTCAGTGTTCATTCAGTGTTCATTCAGTGTTCATTCAGTGTTCATTCAGTGTTCAT 480  
QY 361 aacagaaacacgtgcacgtctgcacgtctgcacgtctgcacgtctgcacgtctgcacgt 420  
Db 481 AACACAGACACG 540  
QY 421 tctctaatgaactgaagaaagcctggaatgcacaaagtctgcacacacacacacacac 480  
Db 541 TCCGCTAGTAACTGTAAGAAAGATGCTGATGCTGATGCTGATGCTGATGCTGATGCT 600

## RESULT 15

US-08-465-982-47  
Sequence 47, Application US/08465982  
Patent No. 5864786  
GENERAL INFORMATION:  
APPLICANT: M. Feldmann, P.W. Gray,  
APPLICANT: M.J.C. Turner, F.M. Brennan  
TITLE OF INVENTION: Modified human TNFalpha (Tumor  
NUMBER OF SQUINCHES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Reed & Robbins  
STREET: 635 Bryant Street  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,982  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,419  
FILING DATE: 10-May-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Robbins, Roberta L.  
REGISTRATION NUMBER: 33,208  
REFERENCE/DOCKET NUMBER: 5150-0030  
TELEPHONE: (415) 617-8999  
TELEFAX: (415) 327-3231  
INFORMATION FOR SEQ ID NO: 47:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 600 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..597  
US 08 465 982 47

Query Match 98.4% Score 475.2; Db 2; Length 600;

Best Local Similarity 99.4%, Fred No. 1.7e-143;  
Matches 477; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 gatadgtgtgtccccaaggaataatataccacccctcaaaaataattcgatttgatgac 60  
|||||  
Db 121 GATATGTTGTCT 180  
QY 61 aagtagcccaagaagaaacactacttqtaaatatataccagcgcaggaaggaagaaac 120  
|||||  
Db 181 AAGTCCCAACAAAGGAACCTACTTGTGTACAAATGACTGTCTCAAGCCCGGGGCAAGATAC 240  
QY 121 tgcaggaaggtgtgcagagcgcctctctccacgccttcaaaaaaacacacacacacac 180  
|||||  
Db 241 TCAAGAGATCTCAAGAGATCTCAAGAGATCTCAAGAGATCTCAAGAGATCTCAAGAG 300  
QY 181 agctgtctcaaatgcgaaggaatgggtgcagtgagagatctctctgcacagtgagac 240  
|||||  
Db 301 AATGATCTCAAGAGATCTCAAGAGATCTCAAGAGATCTCAAGAGATCTCAAGAGATCT 360  
QY 241 cgaagacacatgatacgtgcagaaagaaacacataccgcacattatiggaagtaaaacelt 300  
|||||  
Db 361 CCGGATACCGGCG 420  
QY 301 ttcacatgcttcacatgcacgtctgcctcaatgggacacgtgcacgtctctctgcagagag 360  
|||||  
Db 421 TTCAGTGTTCATTCAGTGTTCATTCAGTGTTCATTCAGTGTTCATTCAGTGTTCAT 480  
QY 361 aacagaaacacgtgcacgtctgcacgtctgcacgtctgcacgtctgcacgtctgcacgt 420  
|||||  
Db 481 AACACAGACACG 540  
QY 421 tctctaatgaactgaagaaagcctggaatgcacaaagtctgcacacacacacacacac 480  
|||||  
Db 541 TCCGCTAGTAACTGTAAGAAAGATGCTGATGCTGATGCTGATGCTGATGCTGATGCT 600

Search completed: April 24, 2002, 03:00:40  
Job time: 5644 sec



